AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the Application. Please amend the claims to read as follows:

1. **(Currently Amended)** A method comprising:
   scanning a first channel from a set of channels, wherein the first channel is associated with a first access point;
   receiving a packet on the first channel;
   determining if the received packet is an informational packet;
   ending the scanning of the first channel and joining ~~a wireless network associated with the received packet~~ the first access point if the received packet is an informational packet;
   determining information regarding the first channel from the received packet if the received packet is not an informational packet; and
   scanning a second channel from the set of channels ~~switching to a different channel for scanning~~ if said information indicates the first channel is not desirable, wherein the second channel is associated with a second access point.
2. **(Currently Amended)** The method of claim 1, comprising, if a factor passes a threshold, determining the first channel is not desirable.
3. **(Currently Amended)** The method of claim 1, comprising determining if the number of retries for the first channel is above a threshold.
4. **(Currently Amended)** The method of claim 1, comprising determining if the percent of time the first channel is busy is above a threshold.
5. **(Currently Amended)** The method of claim 1, comprising determining if the number of active stations using the first channel is above a threshold.
6. **(Currently Amended)** The method of claim 1, comprising determining if the strength of a signal on the first channel is below a threshold.
7. **(Original)** The method of claim 1 comprising, if an informational packet is received, transmitting a request to join.
8. **(Currently Amended)** A wireless communication device comprising:

a controller to:

scan a first channel from a set of channels, wherein the first channel is associated with a first access point;

receive a packet on the first channel;

determine if the received packet is an informational packet and end the scan of the first channel and join ~~a wireless network associated with the received packet~~ the first access point if the received packet is an informational packet and determine information regarding the first channel from the received packet if the received packet is not an informational packet; and

scan a second channel from the set of channels ~~switch to a different channel for scanning~~ if said information indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

9. **(Original)** The device of claim 8, wherein the informational packet is a beacon packet or probe response.

10. **(Currently Amended)** The device of claim 8, wherein the first channel is a communications channel associated with [[an]] the first access point, the first access point providing a connection to a network.

11. **(Currently Amended)** The device of claim 8, wherein the controller is to, if a factor passes a threshold, determine the first channel is not desirable.

12. **(Currently Amended)** The device of claim 8, wherein the controller is to determine if the number of retries for the first channel is above a threshold.

13. **(Currently Amended)** The device of claim 8, wherein the controller is to determine if the percent of time the first channel is busy is above a threshold.

14. **(Currently Amended)** The device of claim 8, wherein the controller is to determine if the number of active stations using the first channel is above a threshold.

15. **(Currently Amended)** The device of claim 8, wherein the controller is to determine if the strength of a signal on the first channel is below a threshold.

16. **(Original)** The device of claim 8, wherein the controller is to, if an informational packet is received, transmit a request to join.

17. (**Currently Amended**) A wireless communication device comprising:

a dipole antenna; and

a controller to:

scan a first channel from a set of channels, wherein the first channel is associated with a first access point;

receive a packet on the first channel;

determine if the received packet is an informational packet and end the scan of the first channel and join ~~a wireless network associated with the received packet~~ the first access point if the received packet is an informational packet and determine information regarding the first channel from the received packet if the received packet is not an informational packet; and

scan a second channel from the set of channels ~~switch to a different channel for scanning~~ if said information indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

18. (**Currently Amended**) The ~~system~~ device of claim 17, wherein the controller is to, if a factor passes a threshold, determine the first channel is not desirable.

19. (**Currently Amended**) The ~~system~~ device of claim 17, wherein the informational packet is a beacon packet or probe response.

20. (**Currently Amended**) A wireless communication system comprising:

a first [[an]] access point; and

a communications device comprising:

a controller to:

scan a first channel from a set of channels, wherein the first channel is associated with the first access point;

receive a packet on the first channel;

determine if the received packet is an informational packet and end the scan of the first channel and join ~~a wireless network associated with the received packet~~ the first access point if the received packet is an informational packet and determine information regarding the first channel from the received packet if the received packet is not an informational packet; and

scan a second channel from the set of channels ~~switch to a different channel for scanning~~ if said information indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

21. **(Original)** The system of claim 20, wherein the informational packet is a beacon packet or probe response.

22. **(Currently Amended)** The system of claim 20, wherein the controller is to, if a factor passes a threshold, determine the first channel is not desirable.

23. **(Currently Amended)** A computer-readable storage medium having stored therein instructions that when executed by a computing platform result in at least:

scanning a first channel from a set of channels, wherein the first channel is associated with a first access point;

receiving a packet on the first channel;

determining if the received packet is an informational packet;

ending the scanning of the first channel and joining ~~a wireless network associated with the received packet~~ the first access point if the received packet is an informational packet;

determining information regarding the first channel from the received packet if the received packet is not an informational packet; and

scanning a second channel from the set of channels ~~switching to a different channel for scanning~~ if said information indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

24. **(Currently Amended)** The computer-readable storage medium of claim 23, wherein the instructions when executed by a computing platform result in at least, if a factor passes a threshold, determining the first channel is not desirable.

25. **(Currently Amended)** The computer-readable storage medium of claim 23, wherein the instructions when executed by a computing platform result in at least determining if the number of retries for the first channel is above a threshold.

26. **(Canceled)**

27. **(Canceled)**

28. **(Canceled)**